

P. Thomas
Piers,

1640

A New Almanacke and
Prognostication for the
yeere of our Lord God,

1640.

Being the *Bissextile* or Leape-
yeere.

Calculated for the Latitude
and Meridian of the City of
Durham, the Pole Articke
being elevated
55 degrees.

And may serve without any great
error for the most parts of Great
Britaine.

By *Mathew Piers* Student
in the *Mathematicks*.



Printed at *London* by *Io. Dawson*
for the Company of Stationers.

A Computation of time compleat to this
present year 1640.

Since the creation of the world,	5632
Since the Flood,	3977
Since the birth of Abraham	3680
Since the destruction of Sodom	3581
Since the Israelites departed out of Egypt	3175
Since the destruction of Troy	2824
Since London was built	2748
Since York was built	2606
Since England received the Christian Faith	1459
Since Durham was built	645
Since the Conquest of England by William Duke of Normandy.	574
Since the miraculous sinking of the three pits at Oxen hall neere Darlington, called Hell-kettles	460
Since the famous battell at Nevils Crosse neere Durham.	293
Since the invention of Gunnes	260
Since the building of the Bridge at Auckland by Walter Skirlaw Bishop of Durham	240
This Bishop also builded the Galilee at the end of the Cathedrall Church of Durham and transferred thither the Tombe of Venerable Bede.	
Since Printing invented	180
Since Bulloigne conquered by K. Henry 8.	90
Since the Rebellion of the Earles of Northumberland and Westmerland	70
Since Tilbury Campe	50
Since the Gun-powder Treason	30
Since the great Frost	30
Since his Majesties returne from Spain	10
Since the birth of our noble Prince Charles May 1630.	10
Since the great fire upon London Bridge	
Since the last great Snow	

a pick pocket

The common Notes, and moveable Feasts for this present yeere, 1640.

Old Julian
accompt.

New Gre-
gorian ac-
compt.

	7	The Golden Number.	7
	25	The Circle of the Sun.	25
	17	The Epact.	7
	8	The Roman Indiction.	8
	ED	The Dominical letters.	AE
February	16	Shrove Sunday.	19 February.
April	5	Easter day	8 April.
May	10	Rogation Sunday.	13 May.
May	14	Ascension day.	17 May.
May	24	Whit Sunday.	27 May.
May	31	Trinitie Sunday.	3 June.
Novemb.	29	Advent Sunday.	2 December

Ember dayes.

February 26, 28, & 29.	{ {	Feb. 29. Mar. 2, & 3.
May 27, 29, and 30.		May 30, June 1. & 2.
Septemb. 16, 18, & 19.		September 19, 21, 22.
December 16, 18, & 19.		December 19, 21, & 22.

The times wherein matrimony is prohi-
bited by the Church.

From the beginning of the yeere untill January 13.

From February 20, untill April 10.

From May, 11 untill May 31.

From November 29, to the end of the yeere.



The Anatomie of Mans Body, as the parts thereof are governed by the twelve Signes.

♂ Head and face.

♂
Necke and
throat,
♄
Breast, Ro-
macke, and
ribs.
♊
Bowels
and belly.
♋
Secret
members.
♎
Knees.



♊
Armes and
shoulders.
♋
Heart and
backe.
♌
Reines and
loynes.
♍
Thighes.
♎
Legs.

♊ the Feete.

The Characters of the seven Planets, with their Aspects.

♄ Saturne, ♃ Iupiter, ♂ Mars, ☉ Sol,
♀ Venus, ☿ Mercurie, ☾ Luna.

♄ Coniunction, ☐ Sextile, ☐ Quartile,
△ Trine, ♂ Opposition.

January hath xxxj. dayes.

Last quarter the 5. day, at 11. a clock, and 25. min. night.
 New moon the 13. day, at one a clock, and 38. min. morn.
 First quarter the 21 day, at 2 a clocke, and 13. min. morne.
 Full moon the 28. day, at 2. a clock and 52. min. afternoon

1	A	The Circumcision of Christ.	leo	21
2	b	The octaves of S. Stephen.	vir.	5
3	c	The octaves of S. Iohn.	vir.	19
4	d	The octaves of the holy Innocent	libra	3
5	e	The depos. of Edm. the Confes.	lib.	18
6	f	The Epiphanie.	scor.	2
7	g	Felix and Januarius.	scor.	17
8	a	Lucian Priest and marty.	sag.	2
9	b	Indocus Confessor.	sag.	15
10	c	Paul the first Hermit.	sag.	29
11	d	Viginius B & Mart. Sunne ent.	capri.	12
12	e	Archadius Mart. ♉ Aquarius.	capri.	25
13	f	Hillary Bish. and Confessor.	aqua.	8
14	g	Felix Priest and Mart.	aqua.	20
15	a	Maurittus and Abbozus.	pisc.	2
16	b	Marceline bishop and Mart.	pisc.	15
17	c	Anthony and Sulpitius.	pisc.	27
18	d	Prisca virgin and Martyr.	aries	9
19	e	Wolstane Bishop.	aries	21
20	f	Fabian and Sebastian.	tan.	3
21	g	Agnes virgin.	tan.	15
22	a	Vincent Deacon and Martyr.	tan.	28
23	b	Emerentia virgin, Terme begin	gem.	10
24	c	Timothie Bish. and Mart.	gem.	23
25	d	The Conversion of S. Paul Ap.	can.	6
26	e	Policarp, Bishop and mart.	can.	19
27	f	Julian bishop and Confessor.	leo	2
28	g	Agnes the 2.	leo	16
29	a	Valertus Bishop.	virgo	0
30	b	Batild queene.	virg.	15
31	c	Saturnine and bidoz.	virgo	29

February hath xxix. dayes.

Last quarter the 4. day at 7 a clock, and 12 min. morne.
 New Moon the 11 day at 5 a clock and 57 min. at night.
 First quarter the 19. day, at 9 a clock, and 36. min. night.
 Full Moone the 27. day, at 1 a clock, and 32. min morne.

1	D	Bldget virgin.	Fast	lib.	14
2	E	Purification of S Mary the virgin.		lib.	29
3	F	Blaise bishop & mar.	(Septuages.	scop.	13
4	G	Gilbert confessor.		scop.	28
5	A	Agathe virgin and Martyr.		lag.	11
6	B	Dorothe virgin and Martyr.		lag.	25
7	C	Ingulus Bishop,		cap.	9
8	D	Paul Bishop. Lucius.		cap.	22
9	E	Apollinia vir. & mar.	Sexagesima	aqua.	5
10	F	Scholastica virg.	the Sun enters	aqua.	17
11	G	Sother Bishop.	Pisces.	aqua.	29
12	A	Eulalia virgin,	Term ends.	pis.	11
13	B	Walfrane Bishop.		pis.	23
14	C	Valentine Priest & Martyr,		aries	5
15	D	Faustina and Jobita.		aries	17
16	E	Julian virg. & mart.	Quinquages	aries	29
17	F	Polycron: bish: & m.	or Shrove sun	tan.	11
18	G	Stineon bish: and Martyr.		tan.	23
19	A	Sabine & Julian.	Ashwednesday	gem.	5
20	B	Mildred virgin.		gem.	18
21	C	Sebenty and nine Martyrs		can.	1
22	D	S. Peters chaire.		can.	14
23	E	Polycarp Bish.	Quadragesima.	can.	27
24	F		Fast	leo	11
25	F	S. Mathias Apostle and mart.		leo	25
26	G	Constance virgin.	Ember week.	vir.	9
27	A	Alexander bishop,		vir.	24
28	B	Augustine bishop		libra	9
29	C	Oswald Bishop & Confessor.		liby.	24

100 March hath xxxj dayes.

last quarter the 4. day at 4. a clock, and 19. min. night.
Newmoone the 12. day, 51. minutes before high noone.
first quarter the 19 day, at 2. a clock and 16. m. afternoon
Full moone the 27. day, at 10. a clock and 50. min. morn.

1	D	David Bishop and Confessor.	scor.	8
2	e	Chadde bishop and Confessor.	scor.	23
3	f	Martin & Asterius.	sag.	7
4	g	Adrian martyr,	sag.	22
5	a	Jocas and Eusebius.	cap.	5
6	b	Victor and Victorinus.	cap.	19
7	c	Perpetua & Felicitas.	aqua.	2
8	D	Deposition of S. Felix. Oculi.	aqua.	14
9	e	Forty Martyrs,	aqua.	26
10	f	Agapite virgin. Sun ent. aries.	pis.	9
11	g	Muirton & Candid.	pis.	20
12	a	S. Gregory the great Bp. of Rom	aries	2
13	b	Theodore Martyr,	aries	14
14	c	Leo bishop, Peter martyr:	aries	26
15	D	Longinus Martyr. Lætare.	taur.	7
16	e	Boniface bishop.	taur.	19
17	f	Patrick, bish: & confessor.	gem.	1
18	g	Edward King and martyr.	gem.	13
19	a	Joseph the husband of Mary.	gem.	26
20	b	Cuthbert bishop & confessor.	can.	9
21	c	Benedict Abbot.	can.	22
22	D	Aphrodolus bishop.	leo.	5
23	e	Theodosius priest.	leo.	19
24	f	Agapitus martyr. Fast	vir.	3
25	g	The annunciation of Mary the vir.	vir.	18
26	a	Castor martyr.	lib.	2
27	b	Initium Rex Caroli.	lib.	17
28	c	Dorothy virgin.	scorp.	2
29	D	Victorine Martyr. Palmarum.	scorp.	17
30	e	Muirine Martyr.	sagit.	2
31	f	Adelmus bishop.	sagit.	17

April hath xxx. dayes.

Last quarter the 3. day, at 3 a clock and 27. min. morne.
 New moone the 10. day, at 4 a clocke, and 14. min. morne.
 First quarter the 19. day, at 3. clock, and 13. min. morne.
 Full moone the 25. day, at 6 a clock and 42 min. night.

1	g	Theodoza virgin.	capri.	1
2	a	Harpy of Egypt.	capri.	11
3	b	Richard Bishop and Confessor.	cap.	2
4	c	S. Ambrose Bishop of Millan.	aqua.	1
5	d	Martinian, Bishop. Easter day.	aqu.	2
6	e	Sixtus bishop and Martyr.	pis.	
7	f	Euphemia virgin.	pisces	1
8	g	Egestypus and his fell owes.	aries	
9	a	Perpetuus Bishop.	aries	1
10	b	Passion of 7. martyrs. Solin	aries	2
11	c	Guthiacus Leo. <small>causus.</small>	tan.	9
12	d	Julius Bishop of Rome. <small>Quag</small>	tan.	16
13	e	Euphemia virgin. <small>modogenitioz</small>	tan.	28
14	f	Tiburt and Valer. <small>in Albis.</small>	gem.	10
15	g	Oswald archbishop.	gem.	21
16	a	S. Isidorus Bishop and Mart.	can.	4
17	b	Anicetus bishop of Rome.	can.	17
18	c	Cleutherius and Anthir,	leo	0
19	d	Alphege archbish. of Cant. mart.	leo	14
20	e	Victor Bishop and Mart.	leo	27
21	f	Simeon B. and M.	virgo	11
22	g	Sothir Virg. <small>Terme begins.</small>	virgo	26
23	a	S. George Mart.	lib.	11
24	b	Wilfrid Bish. and Confessor.	lib.	26
25	c	S. Mich. <small>Evangelist and mart</small>	scor.	11
26	d	Cletus bishop of Rome.	scor.	26
27	e	Anastassus bishop of Rome.	agit.	1
28	f	Vitalis Mart.	agit.	2
29	g	Peter of Millan.	apri.	9
30	a	Erkenwald depo.	apri.	23

A belmaker

May hath xxxj. dayes.

Last quarter the 2 day at 4 a clock and 39. min. afternoon
 New Moone the 10. day, at 8. a clock, and 6 min. night,
 First quarter the 18. day, at 12. a clock and 36 min. noon
 Full moone the 25 day at 2 a clock and 39. min. morne.

1	b	S Philip and Iacob Ap. & mart	aqua.	6
2	c	Athanasius Bishop.	aqua.	19
3	D	Inuent. of the Crosse by D. M.	pisc.	2
4	e	The feast of the Crown of thoz.	pisc.	14
5	f	Goddard archbishop.	pisc.	27
6	g	S. John at the Latin gate in Rome	aries	9
7	a	John of Beverley.	aries	20
8	b	The apparition of S. Michael.	tau.	2
9	c	The transf. of S. Nicholas.	taur.	14
10	D	Gordian Bishop Rogat. Sund.	tau.	26
11	e	Anthony M. Sol in Gemini.	gem.	7
12	f	Pereus & Pan. M.	gem.	19
13	g	Servatius Confessor,	can.	2
14	a	Boniface Mart. Ascension day.	can.	14
15	b	Ilidore Mart.	can.	27
16	c	Brandon Abbot.	leo	10
17	D	The transf. of S. Bernhard,	leo	23
18	e	Dioscorus Mart. Terme ends.	bis.	7
19	f	Dunstan Archb.	bis.	21
20	g	Bernardine	libra	5
21	a	Hellen D.	libr.	20
22	b	Julian virgin.	scor.	5
23	c	Desiderius P.	scor.	20
24	D	Servulus M. Whitsun day.	sag.	4
25	e	Adelme Bish. and Confessor.	sag.	19
26	f	Augustine first Archb. Cant.	cap.	3
27	g	Wede prest. Ember weeke.	cap.	17
28	a	Germane bishop and Confessor.	aqua.	1
29	b	Marinus bishop, Coronis M.	aqua.	14
30	c	Felix bishop of Rome. Mart.	aqua.	27
31		Petronilla virgin. Trinitie Sun 1.	pisc.	10

Iune hath xxx. dayes.

Last quarter the 1 day, at 7. a clock and 42. min. morne.
 New moone the 9, day at 10. a clock and 25 mi. forenoon
 First quarter the 16. day, at 6. a clock and 37 min. aftern.
 Full moon the 22. day at 11. a clock and 6. min. forenoon.

1	e	Nichomede Priest & martyr.	pis.	22
2	f	Marcel. Pet. mart.	aries	5
3	a	Crasinus martyr.	aries	17
4	a	Petrocius conf. Corpus christi.	aries	29
5	b	Boniface bishop, Terme begins	taurus	11
6	c	Mellon Archbishop, Claudius.	tau.	23
7	d	The translation of Wolsan.	gem.	5
8	e	Wilhelme archbishop, confessor.	gem.	17
9	f	Trans. of S. Edmund.	gem.	29
10	g	The trans. of York. Sun enters	can.	11
11	a	S. Barnabas Ap. and mar. Cancer.	can.	24
12	b	Basilis confessor.	leo	6
13	c	Anthony Confessor.	leo.	20
14	d	Basilis bishop.	virgo	3
15	e	Vitus, Modestus & Crescentius	virgo	17
16	f	The trans. of Richard.	lib.	1
17	g	Botolph Confessor.	lib.	15
18	a	Marcus & Marcellian.	scor.	0
19	b	Gervastus and Prothastus.	scor.	15
20	c	The translation of S. Edward	scor.	29
21	d	Walburge virgin.	lag.	14
22	e	Albare Martyr the first of Eng.	lag.	28
23	f	Ethelred virgin. Fast	cap.	11
24	g	The Nativity of S. Iohn Baptiste.	cap.	25
25	a	Trans. of Ioy B. Terme ends.	aqu.	9
26	b	Iohn and Paul	aqu.	22
27	c	Crescens martyr.	pisces	5
28	d	Leo bishop of Rome. Fast	pisces	18
29	e	S. Peter Apostle and Martyr.	aries	0
30	f	The commemoration of S. Paul.	aries	12

July hath xxxj dayes.

last quarter the 1. day, 41. min. before one in morning.
 New moone the 8. day, at 10. a clock and 53. min. night.
 first quarter the 15. day, at 11. a clock and 37. min. night.
 full moone the 22. day, at 9. a clock, and 7. min. at night.
 last quarter the 30. day, at 5. a clock and 13. min. afternoon

22	1	g	Oct. of S. Iohn Bap.	aries	25
5	2	a	The visitation of S. Mary the vir.	tau.	7
17	3	b	Tras. of S. Thomas Apostle	tau.	19
29	4	c	Trans. of S. Martin Bishop.	gem.	1
11	5	d	Joe virgin & martyr.	gem.	13
23	6	e	The octaves of S. Peter Apo.	gem.	25
5	7	f	The translation of Tho. Beck.	can.	8
17	8	g	The deposition of Grimbold.	can.	20
29	9	a	Cyrril bishop, Gertrude virgin	leo	3
11	10	b	Seven brethren martyrs.	leo	16
24	11	c	The translation of S. Benedict.	vir.	0
6	12	d	Nabor and felix.	vir.	13
20	13	e	Praxatrus martyr. Solin Leo.	virg.	27
3	14	f	Division of the Apostles.	lib.	12
17	15	g	The translation S. Swithin B.	lib.	26
1	16	a	The translation of Osmond.	scor.	10
15	17	b	Kenelme King and martyr.	scor.	23
29	18	c	Arnulph bishop and martyr.	lag.	9
11	19	d	Ruffin & Just in mart Dog dayes	lag.	24
23	20	e	S. Margaret vir. begin.	cap.	8
5	21	f	Praxedes virgin.	cap.	21
17	22	g	S. Mary Magdalene.	aqua.	5
29	23	a	Apollina bishop.	aqua.	18
11	24	b	Christiana virgin. Fast	pif.	0
23	25	c	S. James Apostle and martyr.	pif.	13
5	26	d	S. Anne mother of d. Mary.	pif.	25
17	27	e	The 7. Sleepers.	aries	8
29	28	f	Samplon bishop.	aries	20
11	29	g	Felix and his fellows.	taur.	2
23	30	a	Abdon and Sennen martyrs.	tau.	14
31	31	b	Germane Bishop.	taur.	26

August hath xxxj. dayes.

New moone the 7. day at 9 a clock, and 57. min. forenoon
 First quarter the 14 day, at 4. a clock and 3. min. morne.
 Full moon the 21. day, at 9 a clock, and 14. min. forenoon.
 Last quarter the 29. day, at 11 a clock, and 10 min. foren.

1	S	Lammes day. S. Peters chaine.	gem.	9
2	D	Stephen bishop and Mart.	gem.	21
3	F	The Invention of S. Stephen.	can.	4
4	F	Justin Priest.	can.	16
5	G	S. Oswald K. Feast of Mary.	can.	29
6	a	The transfiguration of our Lord	leo	12
7	b	The feast of the name of IESVS	leo	25
8	c	Ciracus & his fellowes mart.	bte.	9
9	D	Romane martyr.	bte.	23
10	F	S. Laurence Archdeacon mart.	lib.	8
11	F	Ciburtius mart.	lib.	22
12	G	Clare virgin.	scor.	7
13	a	Hippolitus &c. M. Sol in virgo.	scor.	21
14	b	Eusebius.	lag.	6
15	c	The assumption of Mary Virg.	lag.	10
16	D	Rochus martyr.	capri.	4
17	F	The octaves of S. Lawrence.	capri.	18
18	F	Agapitus Mart.	aqua.	1
19	G	Magnus Mart.	aqua.	14
20	a	Lewes bishop and Confessor.	aqua.	27
21	b	Bernard Confessor.	pisc.	9
22	c	The octaves of the assum. of M.	pisc.	21
23	D	Timothy &c. martyrs. (Fast	aries	4
24	F	S. Bartholmew Apostle and Mart.	aries	16
25	F	S. Lewes King of France.	aries	28
26	G	Severine bish. and mart.	can.	10
27	a	Rufus Mart. Dog dayes end.	can.	22
28	b	S. Augustine Bishop of Hippo.	gem.	4
29	c	The Beheading of Iohn Baptist.	gem.	16
30	D	Felix and Adactus Mart.	gem.	29
31	S	Hydane bishop and Confessor.	can.	11

a Shewm...

September hath xxx. dayes.

Newmoone the 5 day, at 7. a clocke and 37. min. night.
 First quarter the 12 day, at 10. a clock and 21. min. foren.
 Full moone the 20 day, 59. min. before one in the morn.
 Last quarter the 28. day, at 4 a clock & 11. min. morne.

1	f	Giles Abbot.	can	4
2	g	Anthony Mart.	leo	27
3	a	Gregory Bishop of Rome.	leo	1
4	b	The translation of S. Cathbert	virgo	24
5	c	Bertine Abbot.	virgo	8
6	d	Eugenius confessor.	lib.	13
7	e	Enurchus bishop of Ozclans.	lib.	17
8	f	The nativite of S. Mary the vr.	scor.	2
9	g	Gozgonius martyr.	scor.	17
10	a	Silbius bish. & Confessor.	lag.	2
11	b	Prothius and Hyacinthus M.	lag.	16
12	c	Martinian bishop.	cap.	0
13	d	Manlius bishop. Sol in Libra.	cap.	14
14	e	The exaltation of the holy crosse.	capri.	28
15	f	Plcomedes Mart.	aqua.	11
16	g	Edithe virgin. Ember wecke.	aqua.	24
17	a	S. Lambert bishop and Mart.	pif.	7
18	b	Victor & Corona.	pif.	19
19	c	Januarius and his fellows M.	aries	1
20	d	Eustachius sc. Mart. Fast	aries	13
21	e	S. Mathew Evang. Ap. and Mart.	aries	25
22	f	Maurice and his fellows.	tau.	6
23	g	Tecla virgin Martyr.	tau.	18
24	a	Andochius Mart.	gem.	0
25	b	Firminus bishop and Mart.	gem.	12
26	c	Cyprian & Justina Mart.	gem.	24
27	d	Cosma and Damita Mart.	cenc.	6
28	e	Exuperius bishop and Confel.	can.	19
29	f	Michael the Archangel.	leo	2
30	g	S. Hierome Priest & doctor.	leo	15

October hath xxxj. dayes.

New Moone the 5. day, at 5. a clock and 1. min. morning
 First quarter the 11 day, at 7. a clock and 55. min. night
 Full Moon the 19. day, at 5. a clock, and 11. min. afternoon
 Last quarter the 27 day, at 7. a clock and 48. min. night.

1	a	Remigius bishop of Rhemes.	leo	29
2	b	Leodegarius bishop.	virgo	19
3	c	Candidus martyr.	vir.	27
4	d	Francis confessor.	lib.	11
5	e	Apolline martyr.	lib.	28
6	f	Faith. virgin and Martyr.	scor.	11
7	g	Marke & Marcellus martyrs.	scor.	16
8	a	Pelagia the penitent.	lag.	11
9	b	S. Denis B. & mart. Term begins	lag.	26
10	c	Cereon & his fellowes. Pauline	cap.	10
11	d	Nicholas Bishop.	cap.	24
12	e	Wilfrid Bishop. Sun ent. Scorp.	aqua.	8
13	f	The transf. of Edw. the Confes.	aqua.	21
14	g	Calixtus B. and mart.	pis.	4
15	a	Wolfran bish.	pis.	16
16	b	Lucian.	pis.	28
17	c	Etheldred virgin.	aries	10
18	d	S. Luke Evangelist.	aries	22
19	e	Frideswide virgin.	tau.	4
20	f	Austroberta virgin.	tau.	25
21	g	Eleven 1000 virgins.	tau.	27
22	a	Mary Salome.	gem.	9
23	b	Romane Bishop.	gem.	21
24	c	Maglorus bishop.	can.	3
25	d	Chrispina and Chrispiana. Mart.	can.	15
26	e	Evarestus Bish. and mart.	can.	27
27	f	Florentius mart. Fast	leo	10
28	g	S. Simon & Iude Apost. & mart.	leo	23
29	a	Marcellus bishop and Confes.	virg.	7
30	b	Germanus and Capua.	virg.	21
31	c	Quintine martyr. Fast	lib.	5

N. C. 1711

November hath xxx. dayes.

New moon the 3. day, at 2. a clock and 25 min. aft. noon
 First quarter the 10. day, at 9. a clock and 8. mi. forenoon
 Full Moone the 18. day, seven min. before high noone.
 Last quarter the 26 day, at 9 a clock and 19. m. forenoon.

1	D	The Feast of all Saints.	lib.	20
2	B	The commemozation of Soules.	scop.	5
3	f	wenefride virgtn and mart.	scop.	20
4	g	Amantius & vitalis.	sag.	5
5	a	Letus P. Gunpowder treason.	sag.	20
6	b	Leonard abbot and Confessor.	cap.	4
7	e	Wilibrorde Archbishop.	capit.	19
8	D	Four martyrs crowned.	aqu.	3
9	B	Theodosius martyr.	aqua.	16
10	f	S. Martin Bish. and Confel.	pisc.	0
11	g	S. Martin bishop & martyr.	pil.	13
12	a	Paternus martyr.	pil.	25
13	b	Wrice b. and con. Sun ent sagit.	aries	7
14	c	The translation of Erkenwald.	aries	19
15	D	S. Macute bishop.	taur.	1
16	e	S. Edmund Arch-bish. of Cant.	tau.	13
17	f	S. Hugh bishop of Lincolne.	tau.	25
18	g	The octaves of Martin.	gem.	6
19	a	Elizab. mart. Nat. King Charles.	gem	18
20	b	S. Edmund King.	can.	0
21	c	The presentation of Mary the v.	can.	12
22	D	Cecelie virgin and mart.	can.	24
23	e	Clement first bish. and mart.	leo	6
24	f	Chrysogenus mart.	leo	19
25	g	S. Katherine virg. & mart.	virgo	2
26	a	Linus bishop.	vir.	16
27	b	Agricola and Vitalis	lib.	0
28	c	Rufus mart. Terme ends.	lib.	16
29	D	Advent Sund. Fast	lib.	29
30	e	S. Andrew apostle and martyr.	scorp.	13

December hath xxxj. dayes.

New moone the 3. day, 31. minutes before one in morn.
 First quarter the 10 day, at 2. a clock and 13. min. morne.
 Full moone the 18 day, at 6 a clock, and 36. min. morne.
 Last quarter the 25 day at 8. a clock and 3. min. at night.

1	f	Eligius Bish.	scop.	28
2	g	Libanus.	lag.	12
3	a	Barbara virgin and Mart.	lag.	28
4	b	Osmond Bishop.	cap.	13
5	c	Satba Abbot.	cap.	27
6	d	S. Nicolas Bishop of Mira.	aqua.	1
7	e	S. Ambrose bishop and Confel.	aqua.	15
8	f	The conception of S. Mary vir.	pisc.	8
9	g	Ciprian abbot.	pisc.	21
10	a	Eualla virgin.	aries	3
11	b	Damasus B. Sol in Capricorn	aries	16
12	c	Paul bishop.	aries	28
13	d	Lucie virgin and Mart.	tan.	10
14	e	Otholle virgin.	tan.	22
15	f	Valerius bishop.	gem.	4
16	g	Melertus O Sapiensia, Ember	gem.	15
17	a	Lazarus bishop. weeke,	gem.	27
18	b	Gratian bishop.	can.	9
19	c	Venesa virgin. Fast	can.	21
20	d	Julius Martyr.	leo.	4
21	e	S. Thomas Apottle and mart.	leo.	16
22	f	30. Martyr.	leo.	29
23	g	Alcozia virgin.	virgo	12
24	a	Fortie virgins. Fast	vir.	26
25	b	Christmas day,	lib.	9
26	c	S. Stephen the first martyr.	lib.	24
27	d	S. Iohn Evangelist and apottle.	scop.	8
28	e	The hol. Innocens.	scop.	22
29	f	Thomas Becket. Archb. Cant	lagit.	8
30	g	The translation of S. James.	lagit.	23
31	a	Silvester Bishop of Rome. M. capl.	capl.	7

Farmer

PIERS. 1640.

A Prognostication
for the yeare of our re-
demption. 1640.

Being Bisextile or Leap-yeere.

Containing a description
of the times and seasons
limited by the Celestial
bodies, with other ob-
servations, pleasant
and profitable, for all
men of what sort
soever.

By

MATHEW PIERS well-
wisher to the *Mathe-
maticks.*

LONDON,

Printed for the Company of Sta-
tioners. 1640.

**A plaine and easie Table shewing the beginning,
continuance, and ending of every Kings Reigne
since the Conquest, with how long it is since the
ending of any of their Reignes, till this pre-
sent Yeere, 1640.**

The K. names.	Began their Reigne.	Reigned yeer. mo. dayes	Since the end of their raigne
W. Con	1066 Octob. 16	20 y. 11 m. 22 d.	553 Septem.
W. Ruf.	1087 Septem. 9	12 y. 11 m. 19 d.	540 August 1
Henry 1	1100 August 1	35 y. 4 m. 11 d.	505 Decem. 1
Stephen.	1135 Decem. 2	18 y. 11 m. 19 d.	486 Octob. 2
Henry 2	1154 Octob. 25	34 y. 9 m. 2. d.	451 July 6
Richa. 1	1189 July 6	9 y. 9 m. 22 da	441 April 6
K. John.	1199 April 6	17 y. 7 mo. 0 d.	424 October 1
Henry 3	1216 Octob. 19	56 y. 4 months	368 Novem. 1
Edwa. 1	1272 Novem. 16	34 y. 8 m. 9 da.	333 July 7
Edwa. 2	1307 July 7	19 y. 7 m. 6 da.	314 Ianuary 1
Edwa. 3	1316 Ianu. 25	50 y. 5 m. 7 da.	263 Iune 21
Richa. 2	1377 Iune 21	32 y. 3 m. 16 d.	241 Septem. 1
Henry 4	1399 Septem. 29	13 y. 6 m. 5 da.	228 March 1
Henry 5	1412 March 20	9 y. 5 m. 24 da.	218 August 1
Henry 6	1422 August 3	38 y. 6 m. 18. da.	180 March 1
Edwa. 4	1460 March 4	22 y. 1 m. 8 da	157 April 9
Edwa. 5	1483 April 9	0 y. 1 m. 18. da.	157 Iune 21
Richa. 3	1482 Iune 22	2 y. 2 mo. 5 da.	155 August 1
Henry 7	1485 August 22	23 y. 8 m. 19 da	131 April 21
Henry 8	1509 April 22	37 y. 10 m. 1 da	94 Ianuary 1
Edwa. 6	1546 Ianua. 28	6 y. 5 m. 19 da.	87 July 6
Q. Mary	1553 July 6	5 y. 4 m. 22 da.	82 Novem. 1
Elizab.	1558 Novem. 17	44 y. 4 m. 15 d.	38 March 1
K. Jam.	1602 March 24	22 y. 0 m. 3 da.	15 March 1
K. Charles 1625 Mar. 27 Whom God grant long to Reigne			

200



Of the times and seasons limited and determined by the Ce- lestiall Bodies.



In the beginning Ichovah Elohim the Lord God Almighty, created the Sun, Moone, and Stars, and among other hee appointed them this office, that they should determine and limit times and seasons, dayes and yeeres. And let them bee

(saith he) for signes & for seasons, for dayes and yeeres.

Ge. I. 14. Where the Word in the original מִן

Monghadim, translated seasons, signifieth properly,

set, limited, & determined times and seasons, Tempora

definita, or praefinita, Times limited before hand (as

Pareus obserbeth upon the place) according to the

signification of the Root from whence it commeth,

so wit, מִן Janghadh, define, or praefine. Thus the

Sunne limiteth & boundeth that part of time which

we call a Day, by one revolution upon the Poles of the

world. By his revolution also through the Zodiack,

he determineth the Yeere. Thus the Moone deter-

mineth the Moneth. The Planet Saturne determi-

neth a time of about 30. yeeres. The Planet Iupiter a

time of about 12. yeeres. The Planet Mars, a time

of about two yeeres, &c. The Sphaere of the fixed

Stars also by its revolution determineth a certain

time, but a very long one, & not certainly known to

us, by reason that the motion thereof is so slow. For

from the time of Timocharis (who lived about 300.

yeeres before the birth of our Saviour Iesus Christ,

and was the first that committed to writing, any

A Prognostication.

on of the heauenly motions) unto this our time, it hath not moved aboue the 13 part of [his] revolution. Ptolomy thought that it moved one degree in an hundred yeares, and so by that account it should accomplish a full revolution in 36000 yeares. Albategnius supposed that it moved one degree in 66. yeares, & so accomplish a revolution in 23760 yeares. Alphonsus alloweth a longer time for the revolution, viz. 49000 yeares. But Tycho Brahe comparing his own observations with the certainest observations of Timocharis, Hipparchus, Ptolomy, & Albategnius, findeth that this Spheare moveth 51 seconds in one yeare, that is, one degree in 70 yeares & 7 moneths, and so by this account it should accomplish one full revolution in 25411 yeares, & about seven moneths. This is that terme which is called by some, Magnus annus Platonis, Plato's great yeare, because, when it was compleat, he thought all things should returne to the state they were at first. But we Christians abhorre so heathenish a conceit. And doubtlesse we may conclude, that God hath appointed this Spheare so slow a motion, that it may be to the Planets a certain base or foundation (as the earth is to the living creatures) whereby their motions may be understood & determined. Besides this benefit, these fixed Starres also, by their diurnall motion from East to West, keep a most due and certaine account of the houres of the night. So that the time of the night is known as certainly by them, as the time of the day is by the Sunne.

The chiefe and principall of these set and determined times or seasons, are these three, the Day, the Moneth, and the Yeare.

1. The word Day is supposed by some to come of the Hebrew word דַּיַּח Daah, which signifieth to sit with a swift & continued motion. The word is taken in two senses. For first it signifieth that space

a perfect year

Piers 1640.

of time which the Greeks call *Νύξ* *ἡμέρας*, to wit, a space of time, within which, a day & a night is once made. And this is called the Naturall day, & is made by one revolution of the Sun upon the Poles of the world, either from the North, or South part of the Meridian, as the Astronomers use to account it. This naturall day is divided commonly into 24 equall partes, which are called Heures, of the Greeke word *ωρα*, an houre which is thought to come of *Horo*, an Egyptian word, signifying with them the Sunne. And thus the Astronomers make every day in the year to be equall one to another, for the more ease of their Calculations, notwithstanding they finde that partly by the Sunnes motion from the Equinocti- all and Tropicall points, and partly by his motion from the Apogæum, and Perigæum, the naturall dayes doe differ one from another, in length, which they also recompence by certaine equations.

Every one of these houres is divided into 60 minutes, and every minute into 60 seconds, and so continually, as need shall require.

Again, the word Day is taken in a more strict sense, as opposed to the word Night, & so it signifieth that space of time wherein the center of the Sun is above the Horizon; And this is called the Artificiall day.

2. The Moneth taketh its name of the Moone, which measureth forth the Moneth.

Iohannes de Sacro Bosco maketh mention of 4 kind of Moneths; viz. the month of Peragracion, of Apparition, Medicinall, and the moneth of Consecution.

The Moneth of Peragracion is the space of time in which the Moone performeth one revolution through the 12 signes of the Zodiack; and this according to the meane motion of the Moone, containeth 27 dayes 7. houres, 43 minutes, 5 seconds, 2 thirds, 6 fourths, 27 fifths, and 19 sixths, according to the observations of the learned Kepler.

A Prognostication.

The second is the moneth of Apparition, consisting of 28 dayes, vulgarly diuided into foure weekes.

The moneth Medicinall containeth 26 dayes and an halfe, which according to Gallen, measureth all the crises of a sicknesse.

The Moneth of Consecution, is that space of time wherein the Moone accomplisheth one revolution from the Sun, that is from one mean conjunction with the Sunne, to another. And this Moneth is longer than the month of Peragratiō. For the Moone returning to the same place in the Zodiack, where she left the Sunne, findeth hīm moved by his proper motion, almost one Signe further, and therefore is forced to spend more than two dayes in following the Sunne, before she can come to be joynd with him againe. And of this following of the Sun, the Moneth taketh its name of Consecution. This month containeth 29 dayes, 12 houres, 44 minutes, 3 seconds, 10 thirds, 30 fourths, 55 fifths, and 4 sixths, according to the Moones meanemotiō.

And this is the Meane Naturall month unto which all other Civill Months have respect. For by reason of the fractions joynd to the even dayes of this month it were a very difficult thing to keep an account in a Common wealth by this naturall Month And hence it is, that the civill Months differ almost among all nations. Thus we find in Scripture, that at the time of Noah's floud, the Month contained 30 dayes. Afterwards the Iewes finding this too much, allotted to one month 30 dayes, & to another 29 dayes, alternately throughout the whole yeare; but finding this too little they were forced to use divers intercalations to keep the account of their months. Thus the Civill moneth amongst the Egyptians consisted of thirtie dayes: and in our Iulian yeere, we have some months that containe 30 dayes, some 31. and one 28 dayes.

3. The third determined season of speciall note is

A Letter. Gallen.

the yeere, which is a space of time limited by the revolution of the Sun in the Zodiack. Now because the Sunns revolution is ordinarily bounded two wayes, herefoze the yeare is of two sorts, viz. the Sydereall yeare, and the Tropicall yeare.

The Sydereall yeare is the space of time in which the Sun departing from any of the fixed stars, returneth to it againe; & this according to the meane motion of the Sunne, containeth 365 dayes, 6 houres, 9 min. 39 seconds, 27 thirds, 4 fourths, and 48 fifths.

The Tropicall yeare is that space of time in which the Sun departing from any of the cardinall points in the Zodiack, returneth to the same againe. And this according to the Sunnes meane motion containeth 365 dayes, 5 houres, 48 minutes, 57 seconds, 35 thirds, 47 fourths, and 25 fifths. This is the Meane naturall yeare, which all nations have laboured to keep, but could not doe it partly, because it was impossible to know the true quantity of this yeare, but by comparing the obseruations of these our times with those of the Ancients, & partly also because it is too hard a matter to keep a common account of the odde fractions joyned to the whole daies contained in this yeare.

And therefore the civill yeares used by severall nations, differed one from another: for the Arabians accounted in some of their yeares 354 dayes, and in some 355. The Egyptians reckoned 365 dayes. And in the Iulian yeare we account 365 dayes, intercalating one day every fourth yeare, which we call Bissextile or Leape-yeare. And the Romans now of late finding this Iulian yeare to be too great for the naturall yeare, (as indeed it is) have abated of the quantitie thereof, ordaining that the day which we intercalate every 4 year, shall be omitted in some hundred yeares, viz. in the yeares of our Lord, 1700, 1800, 1900, and 2100, 2200, 2300, and so forth, every fourth hundred yeare, observing the intercalation of the day

A Prognostication.

as in other Leap-years but in the other 3 omitting it
so (having struck off 10 dayes from the Iulian year)
la boue to keep the Equinoctial points in those dayes
of the month which they were in, at the time of the
Generall Councell holden at Nice in Pontus, Anno
Dom. 325, assembled for the establishing of a set time
for keeping the feast of Easter. But this yeare so li-
mited by them, is still somewhat too great for the
Sunnes course, in determining the Tropicall yeare.

This Tropicall yeare, hath its name *ἡμετέριος* *ἔτος*,
which signifieth Vicissitudes, turnings, and changes, be-
cause in this are all the mutations or changes that can
be in a yeare, viz. the changeable seasons of Winter,
Spring, Summer, and Autumne, which are caused by the
Suns receding from us, or approaching to us: And
of these we are to speake of more particularly.

Of the Winter.

Winter taketh his name of the Dutch word
Wint, which signifieth Winde, because of
the plentie of winds in this Quarter of the yeare.
It is called of the Latines Hyems, of the Greeke
word *χειρ*, signifying to raine. This is the first Quar-
ter of the yeare by Astronomicall Computation, and
is that space of time in which the Sunne passeth
through these three Signes of the Zodiack, viz. Ca-
pricornus, Aquarius, and Pisces. So that the begin-
ning of this quarter, was upon the eleventh day
of December last past, at 10 of the clocke at night
at which time the Sunne then entred into
the first scruple of the Tropicall signe Capricornus, ha-
ving then the greatest South declination that can be
from the Equinoctiall line, viz. 23 degrees, 31 minutes,
and 30 seconds, according to Tycho Brahe, and ma-
king the shortest day and longest night, to all that re-
side

g it be on this side of the Equinoctiall line. The length
of the day being then at Durham six houres and 53
minutes, and the length of the night 17 houres and
7 minutes.

This quarter containeth in it part of December,
all Ianuarie, all Februarie, and part of March.

Ianuary taketh the name, either of Ianus an an-
cient King of Italy, who for his wisdom and pro-
vidence was pictured with two faces, the one loo-
ing backe to the old yeare, and the other forwarde
to the new; or else it takes the name of Ianua, a
Gate, or entrance into the yeare.

The ancient Saxons called this moneth Wolf-mo-
nath, to wit, Woolf-moneth, because they were then
in danger to be deuoured by Woolues.

February takes the name a Februus expiatoriis, from
certaine expiatorie Sacrifices, which the Romanes
in this moneth offered to their God Februus, for
purging of the soules of the dead, as they suppo-
sed.

Our Ancestours the Saxons, called this moneth
Sprout-Kele, because the Cole-wort (which they cal-
le Kele) in this moneth yielded wholesome sprouts
for their nourishment.

This is the shortest moneth in the yeere, habing
but 28 dayes, except it be Bissextile or Leap yeare,
(as it is this present yeere 640) wherein it hath 29
dayes, one day being intercalated, viz. the Eve of
S. Mathias the Apostle. But this day and the day
following, in legall matters, are accounted but as
one day, statuto de Anno Bissextili. And the ancient
Romanes called both these dayes the 24 day, or the
6 Calends of March, from which the yeere taketh
the name Bissextile, the Art of the Calends being
accounted twice, which we expresse in our Calendar
by repeating the letter F.

March, Martius is so called a Marte, of Mars, the
God

A Prognostication.

God of Battell, to whom this moneth was dedicated by the ancient Romanes. Or else it is therefore so called Quod tunc animantia ad Marem & ceterum moveantur.

The ancient Saxons called it Lent-monar, that is, Length moneth: because in this moneth, the day began to exceed the night in length.

And hence cometh the name of the holy fast of Lent, because the most part of this fast, falleth usually in this moneth.

Of the Spring.

The Spring is the second quarter Astronomical. It taketh the name from the Dutch word Springhen, signifying to Leape, or Rise up, or Bud: forth. In Latine it is called Ver, of the Greeke word $\nu\epsilon\rho$, or $\epsilon\alpha\rho\varsigma$ after the Ionicke Dialect $\beta\acute{\epsilon}\rho$, signifying all the same thing. And this Greeke word seemeth to come of Ijar, the name of the second moneth of the Iewes or Sytians, it is that space of time, in which the Sunne by his proper motion, passeth through these three signes, viz. Aries, Taurus, and Gemini: so that this quarter takes beginning this yeere upon the 10 day of March at 5 of the clock, and twenty four minutes in the afternoone. At which time the Sunne entred into the first scruple of the Equinoctiall sign Aries, making the dayes equall to the nights, in all places of the world.

This quarter containeth in it, part of March, all Aprill, all May, and part of Iune.

Aprill is so called, ab aperiendo of opening, because in this month all things are opened in the flower; Ovid, Aprilem memorant ab aperto tempore dictum.

Our Ancestors the Saxons, called it Oster-monat, the East wind, that used to blow this month: and hence our holy feast of Easter, seemeth to take the name, as being for the most part celebrated in this month.

May, Maja, is so called of the goddesse Maja, the mother of Mercury, being the name of one of the Pleiades, or seven starres in the back of the Bull, because the heathen used to sacrifice to her in this moneth. Or else it is called Majus, quasi madidus: from the moisture or taine in this moneth, because of the Suns rising with the Pleiades, whose sweet influences cannot be restrained, as God himselfe speaketh Job 38. 31.

The Saxons called it Trimilki, because in this moneth, they used to milke their kine thre times a day.

An Eclipse of the Sunne but not seene by us.

This yeere upon the tenth day of this moneth of May will happen a very great Eclipse of the Sun, the beginning of which will be at 5 of the clock and 8 minutes in the afternoone, the beginning of totall darknesse at 6 of the clocke, and 13 minutes; the middle of the Eclipse at 8 of the clocke and 14 minutes, the end of totall darknesse at 10 of the clock and 15 minutes, and the end of all the Eclipse at eleven of the clocke at night, and 11 minutes, and this according to the generall consideration of this Eclipse, in respect of all the parts of the Earth where it will be seene, and as we account the time at Durham.

In the Longitude of 159 degrees, and North latitude of 21 degrees, that is in a place of the Ocean called mar del Zur, neere the Island California, will be

A Prognostication.

be (as I may so call it) the very Center of this eclipse, for at their high noone, they shall see the middle of this Eclipse, the Sun being then in the twentieth degree of the Zodiack, totally darkened. In many other places of that Sea, and in the South part of America &c. round about the Centraill place and on both sides of the Equinoctiall, it will be so in part or in whole, but we here in Europe shall see no part thereof.

lunae lunius taketh the name a lunioribus, or else Junius Brutus, the Author of the Romanes liberty who was made consul in this moneth.

The Saxons called this moneth Weyd-monat Weyden, to feed; because they used this moneth to drive their cattell into the Pastures to feed.

Of the Summer.

Summer, the Germanes call Somner of the presence of the Sun this Quarter. The Latines call it Aestas of Aestus, Heat, which both come of the Hebrew word *Es* Es, fire, and so in Greek it is called *Θέρμη* of *Θέρω* to make hot; it is the third quarter Astronomicall, and is that space of time in which the Sun passeth through these 3 signes, Cancer, Leo, and Virgo. And therefore it takes beginning this year upon the eleventh day of June, at 1 of the clocke 40 minutes in the morning. At which time, the Sun entreteth into the tropicall signe Cancer, and maketh with us the longest day and shortest night viz. At Durham the day 17 houres and 7 minutes and the night 6 houres and 53 minutes. And at that instant the sun hath its greatest North declination from the Equinoctiall line, viz. 23 degrees, 31 minutes and 30 seconds. This quarter containeth in it part of June, all Iuly, all August, and part of September.

Iuly, Iulius, is so called of Iulius Caesar, who was borne in this month. For before it was called Quintilis.

in Plan Jovian

Piers. 1640.

as being the fifth month from March, from which the ancient Romans used to begin the order of their months.

The ancient Saxons called this month Heu-monat, Hey-monat, because of their Hay-harvest in this month.

August, Augustus taketh the name of Augustus Cæsar, who in this month began his Consulship, brought three triumphs into the City, and put an end to the civil wars. Before this it was called Sextilis, as being the sixth month from March, inclusively.

The Saxons called this moneth Arn-monat, that is, harvest moneth.

September is so called, because it is the 7 month from March. The Saxons called this month Gerst-monat, that is, Barly moneth, of their Barley Harvest this month.

Of the Autumne.

Autumne is the last quarter Astronomical, and becometh to take the name of the Greeke word *αὐτὸν*, because of the frequent expiration of the mists this quarter. It is that space of time in which the Sun passeth through these three signes of the Zodiack, Libra, Scorpio, and Sagitarius: and therefore it becometh this present yeere, upon the twelfth day of September, at 4 of the clocke, and 3 quarters in the afternoone, the Sun then entring into the first couple of the Equinoctiall signe, Libra, and making the nights once againe equall to the dayes, throughout the whole world.

This quarter containeth part of September, all October, all November, and part of December.

October is so called, as being the eight moneth from March.

The Saxons called it Win-monat, that is, wine-moneth, because this month they had vines brought in from other countreyes adjoyning.

November

A Prognostication.

November is so called, as being the ninth month from March.

The Saxons called it Wint-monat, that is, wind moneth, because of the windes blustering the month.

An Eclipse of the Sun, but not seene by us.

There will happen a very great Eclipse of the Sun this yeere, upon the third day of this moneth November, The beginning thereof will be at eleve eight of the clocke and 41 minutes in the morning the beginning of totall darkenesse at 35 minutes past high noone The middle of the Eclipse shall be at 2 of clock and 17 minutes, the end of totall darknesse, at 2 of the clocke and 59 minutes, and the end of all the Eclipse, at 4 of the clocke and 53 minutes according to the generall consideration therof, at the time compted, as at Durham.

In the Longitude of 349 degrees, and the South Latitude of 16 degrees, that is in the East parts of Brasilia, will be the Center of this Eclipse upon the earth. For about their high noons they shall see the middle of this fearefull Eclipse, the Sunne being then in their 90 degree of their Zodiack totally darkened. In many other places round about that center place of the earth, this Eclipse shall be seene in South America and Affrica, and the Sea running betweene them, and on both sides of the Equinoctiall line. But wee in Europe shall see not part thereof.

December is so called, as being the tenth month from March.

The Saxons at first called it Winter=monat, that is Winter=month, but after they received the Christian Faith, they called it Heligh=monat, that is Holy=month, because of the holy feast of Christmas in this month.

A pocket man

Pierce. 1640.

A necessary and perfect Rule to know the
beginning and ending of every Tearme,
with their Returnes.

Hillary Tearme beginneth the 23 of January, if
it be not Sunday, and endeth the 12 of February,
and hath foure Returnes, viz.

Octabis Hillarij.	}	{	Crastino Purificationis.
Quindeno Hillarij.			Octabis Purificationis.

Easter Tearme beginneth seuentene dayes after
Easter, and endeth the Monday after the Ascension,
and hath five Returnes, viz.

Quindeno Paschæ.	}	Quinque	{	Crastino Ascensionis.
Tres Paschæ.				Palchæ.

Trinitie Tearme beginneth the next day after Cor-
pus Christi day, and endeth the Wednesday fortnight
after, and hath foure Returnes, viz.

Crastino Trinitatis.	}	{	Quindeno Trinitatis.
Octabis Trinitatis.			Tres Trinitatis.

Michaelmas Tearme beginneth the 9 or 10 of Oc-
tober, and endeth the 28 or 29 of November, and hath
Returnes, that is to say,

Octabis Michaelis.	}	{	Crastino Animarum.
Quindeno Michaelis.			Crastino Martini.
Tres Michaelis.			Octabis Martini.
Mense Michaelis.			Quindeno Martini.

Note also, that the Exchequer openeth eight dayes
before any Tearme begin, except Trinitie, in which
openeth but foure dayes before.

Dayes

A. Prognostication.

Dayes after the Change or Full, the Moone is South

0	1	2	3	4	5	6	7
12, 0	12, 48	1, 36	2, 24	3, 12	4, 00	4, 48	5, 36

Dayes after either of the Quarters, the Moone is South

0	1	2	3	4	5	6	7
6, 0	6, 48	7, 36	8, 24	9, 12	10, 0	10, 48	11, 36

First find the new Moone, Full, or Quarter in the Kalender, then count how many dayes are past either of those, and under the same number of dayes past, you shall here find the time that the Moone will be South the same day; then look for the Haven or Port you desire, and where the hours and minutes stand before the same, there it is high water many houres and minutes before the time above found: but where the houres & minutes stand after the place, there it is high water so long after the time first found. As for example

Jan. 24. I desire to know when it will be full tyde at *Yarmouth*, I look in the Almanack, & find that the first quarter was upon the 21 day, so that the 24 day is 3 dayes after the quarter, which sought in the former Table, sheweth that the Moones coming South, to be at 8 hou. & 24 min. Then looking for *Yarmouth* in the Table following, I find 1 houre 30 min. standing before it, which sheweth, that the tyde at *Yarmouth* is 1 hou. & 30 min. before the said 8 a clocke 24 minutes, viz. at six a clocke, & 54 min. and so of the rest.

0, 0	Quinborough, Southampton, Portsmouth, Wellings
0, 45	Rye, Calice, Ealshot, Winchelsea, Gorend.
1, 30	Yarmouth, Bulloigne, Dover, Harwich, Wight.
2, 15	Needles, Deep, Casket, Lux, Leno v, Orford, Landst.
3, 0	Orkney poole, Orwell, S. Hellen, Eloee, Eames, Embay.
3, 45	Portland, Pererport, Hareflew, Hage, Blanch.
4, 2	Milford, Bridge-water, North-coast, Exwater, Taxe.
5, 1	Bristol, Lanion, Fouleneffe.
6, 0	Lyn, Humber, Waym. Plimmouth, Antwerp <i>bo. min.</i>
	Aberden, Redban, Rochester, Maldon, West of Nore
	Graves-end, Downes, Rumney, Tener, Ramkins.
	Dundee, S. Andrews, Lisborne, Silly, Maze, S. Lucas.
	London, Tinmouth, Hartle poole, Amster, Gascoign.
	Barwick, Ostend, Scarb. Fount, Flambor. Flushing.
	Erith, Leith, Dunbarre, Lawi, Blow, Monsh, Egmon.
	Falmouth, Foy, Ganssey, Sere a-mouth, Waterford.

A. Prognostication.

A plaine description of the High-ways
in England and Wales, set forth in
a more perfect manner then hitherto
*both bin published, with the use
of the same by example, viz.*

From Barwicke to London, 249 miles.

thus accounted.

from Barwicke to Belford 12 miles, from Belford to An-
wicke 12 miles, from Anwicke to Morpitt twelve
miles, &c. And the next number shew how farre it
is from any of those to London, as from Anwicke to
London, 225 miles, from Morpitt 213 miles &c.

From Barwicke to London, 249 miles.

Go first to Belford, which is twelve miles

miles.

miles.

Anwicke	12 125	Doncaster	7	124
Morpitt	12 213	Luxford	18	106
Newcastle	12 201	Newark	10	96
Durham	12 189	Grantham	10	86
Darlington	14 175	Stanford	14	76
North Allar	11 164	Silton	12	58
Topcliffe	7 158	Huntington	9	49
Burrow-bridge	4 154	Royston	15	34
Wetherby	8 146	Ware	14	20
Abbasford	5 141	Waltham	8	12
Ferribridge	7 134	London	12	
Wentbridge	3 131			

From Yorke to London 151 miles.

Tadeafter	8 143	London, a in	
Wentbridge	12 131	Barwickeway	131

C

From

A Prognostication.

From Lincolne to London, 99 miles.

Goe first to Sleaford, which is 14 miles, thence miles.

To	{	Bourne	13 22	{	Stilton	4
		West Deeping	5 67		London, as in	
		Gunworth ferry	5 6		Barwick way.	58

Another way, viz. 106 miles.

To	{	Ancaster	16 90	{	Stilton	12
		Bitfield	8 82		London, as	
		Stanford	12 73		before.	58

From Boston to London, 94 miles.

To	{	Bourne	22 23	{	Gunworth ferry	5
		Westdeeping	5 67		Stilton, as before	4

From Norwich to London, 95 miles.

Goe first to Windham, which is 5 miles.

Thence to	{	Aleborough	10 80	thence to	{	Barkway	10
		Thetford	10 70			Puckeridge	7
		Icklinham sands	6 64			Ware	5
		Newmarket	10 54			Waltham	8
		Whitford bridg.	12 42			London	12

From Walsingham to London, 86 miles.

Goe first to Pickam, which is 12 miles, thence miles.

To	{	Brandon-ferry	10 64	thence to	{	to London, as in	
		Newmarket	10 54			Norwich way.	43
		Whitford brid.	12 42				

A picture drawn

Piers, 1640.

From Cambridge to London, 44 miles.

	miles.		miles.
{ Fulmire	6 38	{ London, as ia	
{ Barkway	6 32	{ Norwich way.	32

From Yarmouth to Colchester, and so to London, 92 miles.

Goe first to Lestaffe, which is 6 miles

	miles.		miles.
{ Blibut	10 76	{ Chelmsford	10 25
{ Snap-bridge	8 68	{ Ingarstone	5 20
{ Wood-bridge	6 62	{ Brentwood	5 15
{ Ipswich	7 55	{ Rumsford	5 10
{ Colchester	12 43	{ London	10
{ Kelnedon	8 35		

From Cockmouth to Lancaster, and so to London, 223 miles.

Goe first to Kiswike, which is 6 miles.

	miles.		miles.
{ Grocener	8 209	{ Coventry	8 74
{ Kendale	14 195	{ Deventry	14 60
{ Burton	7 188	{ Tocester	10 50
{ Lancaster	8 180	{ Stonistratford	6 44
{ Preston	20 160	{ Brickhill	7 37
{ Wigan	14 146	{ Dunstable	7 30
{ Warinton	12 134	{ S. Albons	10 20
{ Newcastle	20 114	{ Barnet	10 10
{ Liechfield	20 94	{ London	10
{ Colefhill	13 82		

A Prognostication

From Shrewsbury to Coventry, and so to London
118 miles.

Goe first to Watlingstreet, which is 7 miles.

Thence to	{	Shefnall	5 105	thence to	{	Meriden	10 74
		Bonigall	3 103			Coventrie	4 74
		Wolverhampton	5 98			London, as in Coc-	kermouth way 74
		Bremicham	10 88				

From Nottingham to London. 94 miles.

Goe first to Loughborough, which is 8 miles.

Thence to	{	Leicester	8 78	thence to	{	London, as in	Cockermouth and Lancaster way 44
		Harborough	12 66				
		Northampton	12 54				
		Stony Stratford	10 44				

From Carnarven to Chester and so to London. 199 miles.

Goe first to Conaway, which is 24 miles.

Thence to	{	Denbigh	11 164	thence to	{	Lishfield	18 94
		Flint	12 152			Colefill	12 80
		Chester	10 142			Coventry	8 74
		Wich	15 127			London, as in Coc-	kermouth way.
		Stone	15 112				

From Ludlow to Worcester, and so to London, 106 miles.

Goe first to Tenbury, which is five miles.

Thence to	{	Worcester	16 85	thence to	{	Wickham	10 37
		Evishan	12 73			Beaconsfield	5 32
		Chipping nortō	14 59			Vxbridge	7 19
		Islip	12 47			London	15

From

Piers. 1 6 40.

From Carmarthen to London, 157 miles.

Goe first to Landoverly, which is 20 miles, thence miles.

Bekth	14	123	thence } to London, as miles.
Preston	12	111	
Worcester	26	85	
			in Ludlow way. 85

From Oxford to London, 47 miles.

Goe first to Whately bridge, which is 5 miles.

	miles.			miles.
Teitworth	5 37	9	Beconsfield	3 22
Stokenchurch	5 32		Vxbridge	7 15
Wickam	5 27		London	15

From S. Davids to Hereford and Gloucester and so to London, 202 miles.

Goe first to Axford, which is 12 miles.

	miles.		miles.	
Carmarthen	24 166	thence to }	Farington	10 56
Newton	12 154		Abington	10 46
Lanbury	10 144		Dorchester	5 41
Brecknocke	16 128		Menly	12 29
Hay	10 118		Maydenhead	7 22
Hereford	14 104		Colebrooke	7 15
Rosse	11 93		Hounslow	5 10
Gloucester	12 81		London	10
Ciceter	15 65			

From Brisflow to London, 97 miles.

Goe first to Maxfield, which is 10 miles.

	miles.			miles.				
17	{	Chipnam	10	{	Reading	15	32	
15		Marleborow	15		62	Maydenhead	10	22
10		Hungerford	8		54	Colebrooke	7	15
		Newbery	7		47	London	15	

From

A Prognostication

From Exeter to London, 148 miles.

Goe first to Honiton, which is 12 miles.

Thence to	{	Chard	10	116	thence to	{	Basingstoke	16	3
		Crookchorn	10	110			Hartlelow	8	1
		Sherborne	10	100			Bagshot	8	1
		Shaftsbury	12	88			Stanes	8	1
		Salisbury	13	70			London	15	
		Andover	15	55					

From Dover to London, 55 miles.

Goe first to Canterbury, which is 12 miles, thence

To	{	Sittingborne	12	31	to	{	Darford	6	1
		Rochester	8	23			London	12	
		Gravesend	5	18					

From Rye to London 51 miles.

Goe first to Pimwell, which is 15 miles, thence

To	{	Tunbridge	12	4	to	{	London	17	
		Chepstow	7	17					

From Southampton to London 64 miles.

Goe first to Twiford, which is 8 miles.

Thence to	{	Ailesford	7	48	thence to	{	Ripply	5	1
		Alton	7	41			Cobham	5	1
		Farnam	7	34			Kingston	5	1
		Gilford	9	25			London	10	

From Chichester to London, 50 miles.

Goe first to Midhurst, which is 7 miles, thence

To	{	Chiddingfold	10	33	to	{	London, as in South-		
		Gilford	8	25			Hampton way, 15		

From Barwicke to Yorke. 108 miles.

To Topcliffe as in Barwicke way to London, 91 miles
thence to Yorke 17 miles.

A Book Binder

Piers. 1640.

From Yorke to Cambridge, 114 miles.

Goe to Huntington (as in Barwicke way to London)
which is 102 miles, thence to Cambridge 12 miles.

From Yorke to Oxford 118 miles.

First goe to Doncaster, which is 27 miles.

	miles.		miles.
Mansfield	20	Welford	11
Nottingham	12	Weedon	14
Monfortill	11	Banbury	10
Leicester	5	Oxford	17

From Yorke to Shrewesbury, 103 miles.

Goe first to Wetherby, which is 7 miles.

	miles.		miles.
Otely	13	Northwich	26
Bradford	6	Beston wood	9
Halifax	6	Whitchurch	10
Blackston	6	Price	4
Rockdale	6	Shrewesbury	12
Manchester	8		

From Yorke to Nottingham, 59 miles.

	miles.		miles.
Doncaster	27	Nottingham	12
Mansfield	20		

From Norwich to Yarmouth, 16 miles.

Goe first to Okehill, which is 8 miles, thence
to Yarmouth, which is 8 miles.

From Cambridge to Oxford 52 miles.

	miles.		miles.
Gamlinghay	9	Buckingham	8
Bedford	9	Bisciker	9
Newport	7	Oxford	10

From

A Prognostication

From Cambridge to Coventry, 48 Miles.

Goe first to S. Eedes, which is 12 miles, thence
to Higham-ferris 8 | 28 | Dunchurch
to Northampton 10 | 18 | Coventric.

From Oxford to Coventry, 42 miles.

Goe first to Woodstocke, which is 6 miles, thence
to Banbury 14 | 24 | Coventry
to Southam 10 | 14 |

From Oxford to Bristol, 48 miles.

Goe first to Farington whic is 12 miles thence
to Cicester 14 | 22 | Bristol
to Salisbury 12 | 10 |

From Bristol to Shrewsbury, 40 miles.

Goe first to Aar. ferry which is 8 miles, thence
to Munmouth 10 | 52 | Ludlow
to Hereford 12 | 30 | Shrewsburie
to Lempster 12 | 28 |

From Exeter to Bristol, 60 miles.

Goe first to Collumpton, which is 10 miles, thence
to Wellington 8 | 42 | Glastenburie
to Taunton 6 | 37 | Welles
to Bridgewater 8 | 30 | Bristol

From Exeter to Barstable, 32 miles.

Goe first to Kinton, which is 7 miles, thence
to Copstonstone 8 | 22 | High Bickington
to Colridge 8 | 14 | Barstable

FINIS.

A Prognostication

e
mi
10
8

ce
mi
14

ce
mi
10

ce
mi
8
0

ce
mi
1
4
15

ce
mi
6